PYLE®

PSPL01
USER MANUAL

www.pyleaudio.com

I. Safety information

Read the following safety information carefully before attempting to operate or service the meter.

Use the meter only as specified in this manual; otherwise, the protection provided by the meter may be impaired.

● Environment conditions

1 Altitude up to 2000 meters

2 Relatively humidity 90% max.

3 Operation Ambient 0~40℃

● Maintenance & Clearing

1 Repairs or servicing not covered in this manual should only be performed by qualified personnel.

2 Periodically wipe the case with a dry cloth. Do not use abrasives or solvents on this instrument.

● Safety symbols

Meter is protected throughout by double insulation or reinforced insulation.

When servicing, use only specified replacement parts.

Comply with EMC

II. General Description

Thank you for using our Sound Level Meter. To ensure that you can get the most from it, we recommend that you read and follow the manual carefully before use.

This Sound Level Meter has been designed to meet the measurement requirements of safety Engineers, Health, Industrial safety offices and sound quality control in various environments.

- Ranges from 40dB to 130dB at frequencies between 31.5Hz and 4 KHz.
- Display with 0.1dB steps on a 4-digits LCD.
- With one equivalent weighted sound pressure level C.

III. Specifications

Frequency range : 31.5Hz~4 KHz
Measuring level range : 40~130dB
Frequency weighting : C
Microphone : 1/2 inch electret condenser microphone
Display : LCD
Digital display : 4 digits
Resolution: 0.1dB
Display Up data: 0.5 sec.

Time weighting : FAST(125mS)

Accuracy : ± 3.5dB @1kHz, 94dB(under reference conditions)

Alarm function : "OVER" is show when input is out of range(>130dB)

Auto power off : Meter automatically shuts down after approx. 15 minutes of inactivity.

Power supply : One 9V battery, 006P or IEC 6F22 or NEDA 1604.

Operation temperature : 0 to 40℃(32 to 104°F)

Operation humidity : 10 to 90%RH

Storage temperature : -10 to 60℃(14 to 140 °F)

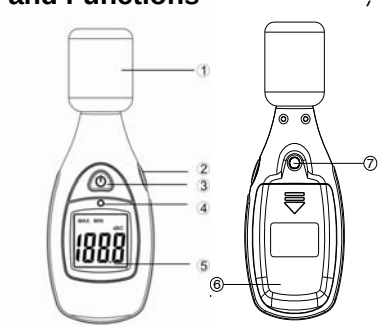
Storage humidity : 10 to 75%RH

Dimensions : 210(L)X55(W)X32(H)mm

Weight : 135g (including battery)

9V battery, carrying case, Instruction manual..

IV. Name and Functions



① Windscreen & 1/2 inch Electret Condenser microphone
If you operate at wind speed over 10m/sec, please put protective accessories on microphone.

② MAX/MIN button (MAX)
The max. Hold position is used to measure the maximum level of sounds. The maximum measured level is up dated continuously. Press once again the button, will release the hold and allow a further measurement.

③ Power ON/OFF button
Turn the meter power ON/OFF I

④ Backlight Sensor

Automatic Turn the meter Backlight ON/OFF

⑤ Digital LCD display

4 digits**,** Resolution: 0.1dB**,** Display Up data: 0.5 sec.

⑥ Battery Cover

Open the battery cover to replacing new one 9V battery.

⑦ **Tripod nut**

Hold the instrument comfortably in fix on tripod

V. Measurement Preparation

(1) Battery loading

Remove the battery cover on the back and put in one 9V Battery.

(2) Battery Replacement

When the battery voltage drops below the operating voltage, mark “BAT” appears. If it appears, battery should be replaced with new one.

VI. Operating Precautions

(1) Wind blowing across the microphone would bring additional extraneous noise.

Once using the instrument in the presence of wind, it is a must to mount the windscreen to not pick up undesirable signals.

(2) Do not store or operate the instrument at high temperature and high humidity environment.

(3) Keep microphone dry and avoid severe vibration.

(4) Please take the battery and keep the instrument in low humidity environment. When not in use.

VII. Measurement

(1) Open battery cover and install a 9-volt battery in the battery compartment.
Turn on power.

(2) Hold the instrument comfortably in hand or fix on tripod and point the microphone at the suspected noise source, the sound pressure level will be displayed.

(3) When MAX/MIN (maximum/minimum hold) mode is chosen. The instrument captures and holds the maximum or minimum noise level for a long period using any of the time weightings and ranges.

(4) Turn OFF the instrument and remove and remove battery when not in use.

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IMPORTANT: Pack carefully in original carton if possible. We are not responsible for damage incurred in returning items for repair. A letter stating your exact street addres, daytime phone number, and the problem you are experiencing should be included. You must also enclose a copy of the original receipt a sproof of date of purchase